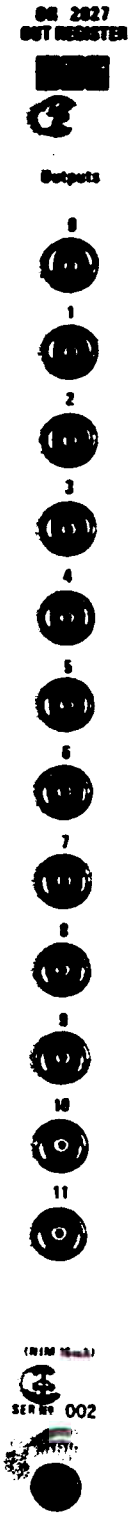
SEN
ELECTRONIQUE

CAMAC



OR 2027 OUTPUT REGISTER

This module is a 12 bit transducer – or interface – between the CAMAC data-way and an equipment requiring NIM excitations.

It can be operated in the level or the pulse mode for added flexibility.

The most common application is in computer controlled experimental setup. Control bits can be fed into the fast electronic modules for changing signal routing, selecting different decision functions, modifying propagation delays.

The pulse mode of the OR 2027 lends itself to the automatic test through event simulation.

CAMAC Functions Used in the OR 2027

Function 16, Sub-address 0 :	Write a 12 bit word into the register from W1 to W12, Produce a Q-response.
Function 17, Sub-address 0 :	Write a 12 bit word into the register at S1, Clear the register at S2, Produce a Q-response. This function is used to produce output pulses rather than levels.
Initialize (Z) :	Clear the register.

Outputs

Standard NIM outputs, Current sink nominally 16 mA.
LEMO RA 00 C50 connectors.
Unused outputs need not be terminated.

Physical

Single width CAMAC module, fully closed.
TTL implementation.
Other characteristics meet or exceed EUR 4100 e.

Power Requirements : + 6 V 200 mA – 6V 170 mA

SEN
ELECTRONIQUE

MAY 1970

1211 GENÈVE 13 - SUISSE/SWITZERLAND - 31, Av. Ernest-Pictet - Tél. (022) 44 29 40 - Télex 23359 - Câbles SENELECTRON